

Message

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**From:** Cowen, Tracey [USA - EMP] [TCowen@versar.com]  
**Sent:** 8/4/2021 3:56:13 PM  
**To:** Schlosser, Paul [Schlosser.Paul@epa.gov]; Hassan Husain (versar) [hhusain@versar.com]; Shams, Dahnish [Shams.Dahnish@epa.gov]; Kapraun, Dustin [Kapraun.Dustin@epa.gov]; Morozov, Viktor [Morozov.Viktor@epa.gov]; Thayer, Kris [thayer.kris@epa.gov]  
**CC:** Bogen, Kenneth [USA - EMP] [KBogen@versar.com]; Williams, Laura [USA - EMP] [lwilliams@versar.com]  
**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Paul,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

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**From:** Schlosser, Paul <Schlosser.Paul@epa.gov>  
**Sent:** Wednesday, August 4, 2021 11:35 AM  
**To:** Husain, Hassan [USA - EMP] <hhusain@versar.com>; Shams, Dahnish <Shams.Dahnish@epa.gov>; Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Morozov, Viktor <Morozov.Viktor@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Cc:** Bogen, Kenneth [USA - EMP] <KBogen@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>  
**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

## Ex. 5 Deliberative Process (DP)

-Paul

---

**From:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>

**Sent:** Wednesday, August 4, 2021 11:05 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>

**Cc:** Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPB) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Dahnish,

## Ex. 5 Deliberative Process (DP)

Let me know if you have any questions. Happy to discuss further.

**Hassan Husain**

Senior Program Manager  
Environmental Services Group



[hhusain@versar.com](mailto:hhusain@versar.com)

Direct Office: 240-252-2304

Mobile: [Ex. 6 Personal Privacy \(PP\)](#)

[www.versar.com](http://www.versar.com)

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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Wednesday, August 4, 2021 12:39 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>

**Cc:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPB) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Ok thanks Tracey. Do you mind clarifying the pools you are referring to? I thought there really was only one pool from last time (i.e., the candidate reviewers) and then from that pool Versar picked the "final" reviewers who ended up on the panel. Is there another (third) pool?

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, August 3, 2021 8:31 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>

**Cc:** Hassan Husain (versar) <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Regarding the supplemental analysis it will be sent out as supporting information, but we just wanted to confirm that it had not been updated and the 2020 version that we sent last year will be used.

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: [Ex. 6 Personal Privacy \(PP\)](#)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, August 3, 2021 4:50 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>

**Cc:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Tracey – Thanks for the summary. Please feel free to pass on the meeting materials to the three selected reviewers from the previous panel. We have no concerns regarding their selection.

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Monday, August 2, 2021 4:30 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>

**Cc:** Hassan Husain (versar) <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Dahnish and Dustin,

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121  
Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Friday, July 23, 2021 1:14 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>  
**Cc:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>  
**Subject:** RE: Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Great! Thanks for the update Tracey. Let us know when you hear back from the other reviewers.

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Friday, July 23, 2021 11:24 AM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>  
**Cc:** Hassan Husain (versar) <[hhusain@versar.com](mailto:hhusain@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>  
**Subject:** Update for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Dahnish and Dustin,

Thanks for sending the updated documents from Ramboll/ Denka.

## Ex. 5 Deliberative Process (DP)

We'll have another update for you early next week and may be able to get some of the reviewers started with their work, in advance of having the charge questions.

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: **Ex. 6 Personal Privacy (PP)**

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Friday, July 23, 2021 9:44 AM

**To:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Thayer, Kris <[thayer.kris@epa.gov](mailto:thayer.kris@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Bogen, Kenneth [USA - EMP] <[KBogen@versar.com](mailto:KBogen@versar.com)>

**Subject:** RE: Kick Off for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

Hi Hussain/all – Attached to this email are the updated chloroprene files associated with the RFC. EPA's website is currently being upgraded so the documents aren't showing up if you Google them yet, but they will be available shortly at the URL below. Please note that there are two extra files with this submission from DPE, but both I believe are background information only and should not be directly commented on by the reviewers (e.g., the Exhibit B - Epi Data and Studies and the response to comments document). I will follow up asap if anything changes on our end.

EPA will be working to finalize the draft charge questions. However, we don't expect the final version to be complete until Paul S. returns from leave in early August.

Let me know if you have any questions or comments on this.

### Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

-----Original Appointment-----

**From:** Husain, Hassan [USA - EMP] <[hhusain@versar.com](mailto:hhusain@versar.com)>

**Sent:** Monday, July 12, 2021 3:44 PM

**To:** Husain, Hassan [USA - EMP]; Shams, Dahnish; Kapraun, Dustin; Schlosser, Paul; Morozov, Viktor; Thayer, Kris; Bottimore, David [USA - EMP]; Cowen, Tracey [USA - EMP]; Williams, Laura [USA - EMP]; Bogen, Kenneth [USA - EMP]

**Subject:** Kick Off for Follow Up - External Peer Review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

**When:** Monday, July 19, 2021 11:30 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** Microsoft Teams Meeting

Purpose: To kick-off the follow up peer review of a Report on (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance.

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